***Figure 1   Distributed Hardware Showing Interrelationship between Client and
Server***
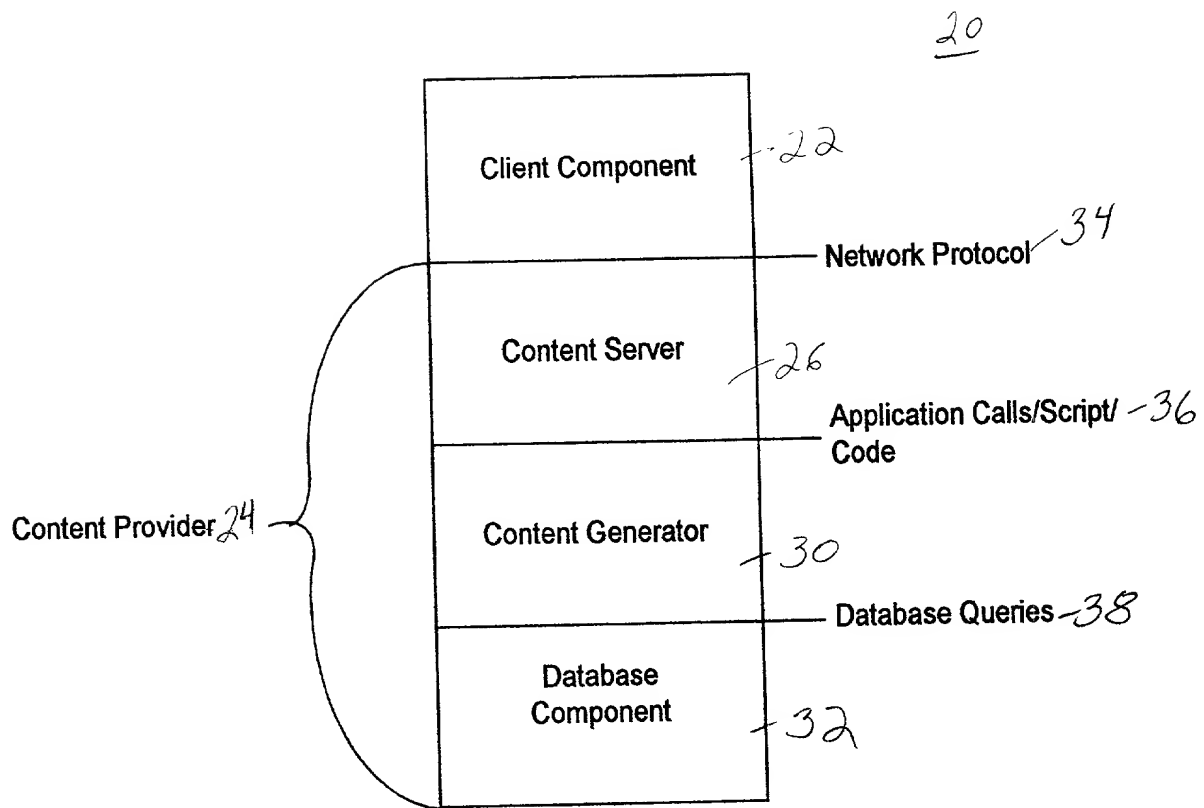
20

Client Component ⟋-22
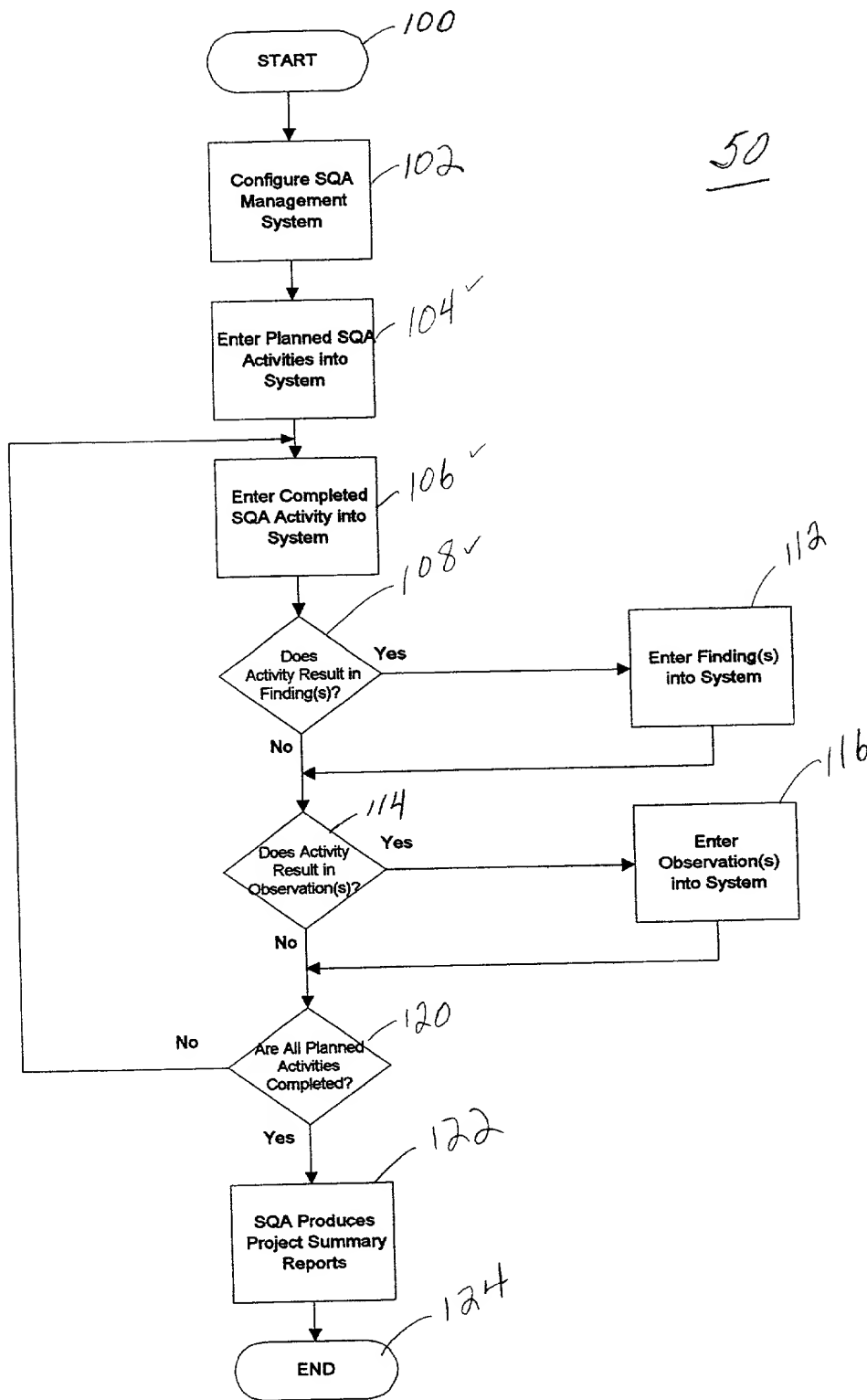
Network Protocol ⟋34

Content Server ⟋26

Application Calls/Script/ ⟋36
Code

Content Provider 24

Content Generator ⟋30

Database Queries 38

Database
Component ⟋32

Figure 2   Block Diagram

START `100`

Configure SQA Management System `102`

Enter Planned SQA Activities into System `104`

Enter Completed SQA Activity into System `106`

Does Activity Result in Finding(s)? `108`

Yes → Enter Finding(s) into System `112`

No

Does Activity Result in Observation(s)? `114`

Yes → Enter Observation(s) into System `116`

No

Are All Planned Activities Completed? `120`

No

Yes

SQA Produces Project Summary Reports `122`

END `124`

50

Figure 3 High Level SQA Management System Process

START ···· *150*

System Sends
Finding Notification
Email to Project
Team ···· *152*

Project Team
Responds to
Finding in System ···· *154*

System Updates
Finding Status to
"Responded" ···· *156*

SQA Engineer
Reviews Finding
Response ···· *158*

Is Response
Acceptable? ···· *160*

Yes

END ···· *168*

No

Send Finding
Dialog Email via
System ···· *162*

SQA Engineer and
Team Negotiate
Acceptable
Response via
System ···· *164*

Are Negotiations
Successful? ···· *166*

No   Yes

SQA Engineer
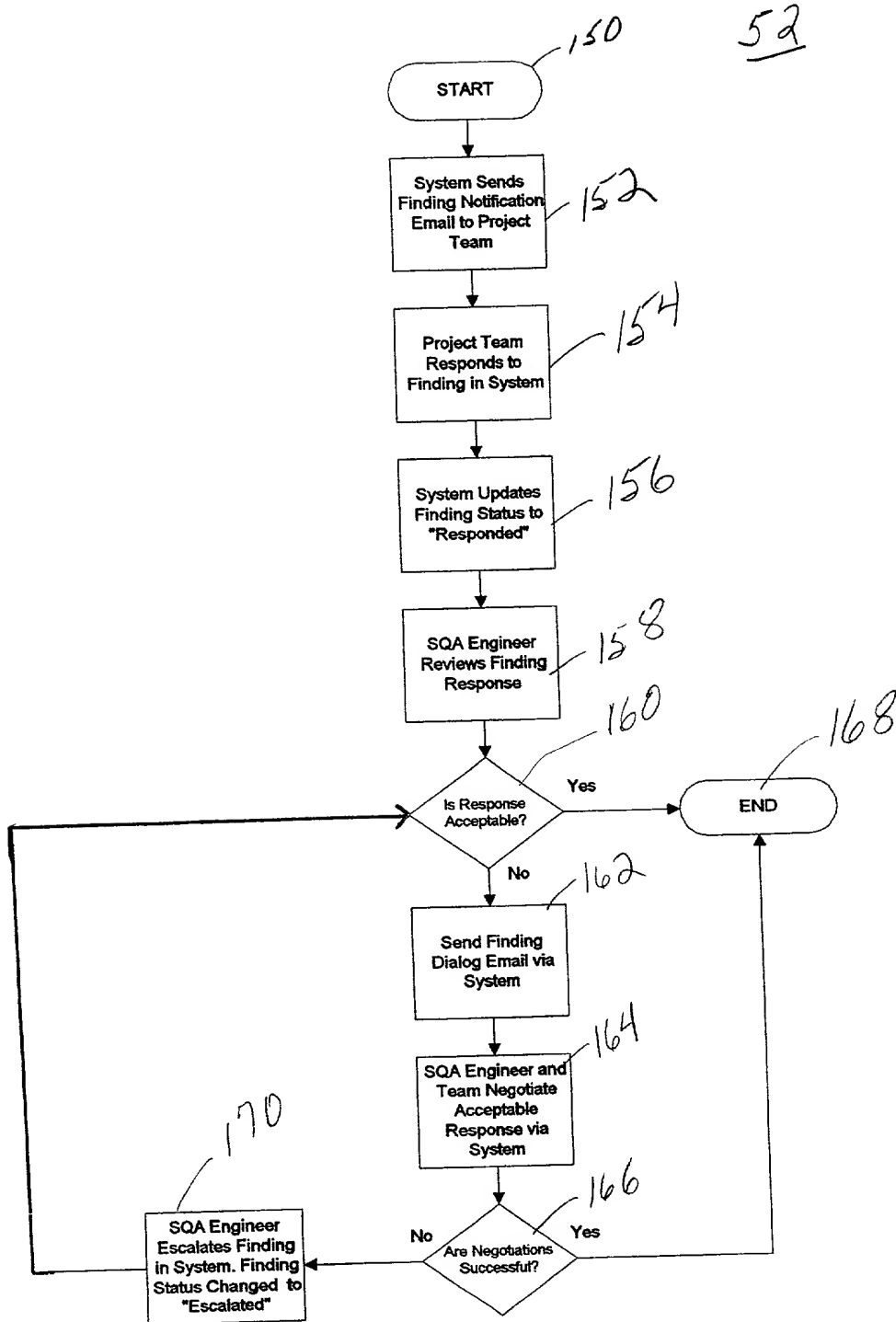Escalates Finding
in System. Finding
Status Changed to
"Escalated" ···· *170*

Figure 4   Finding Notification and Response Process
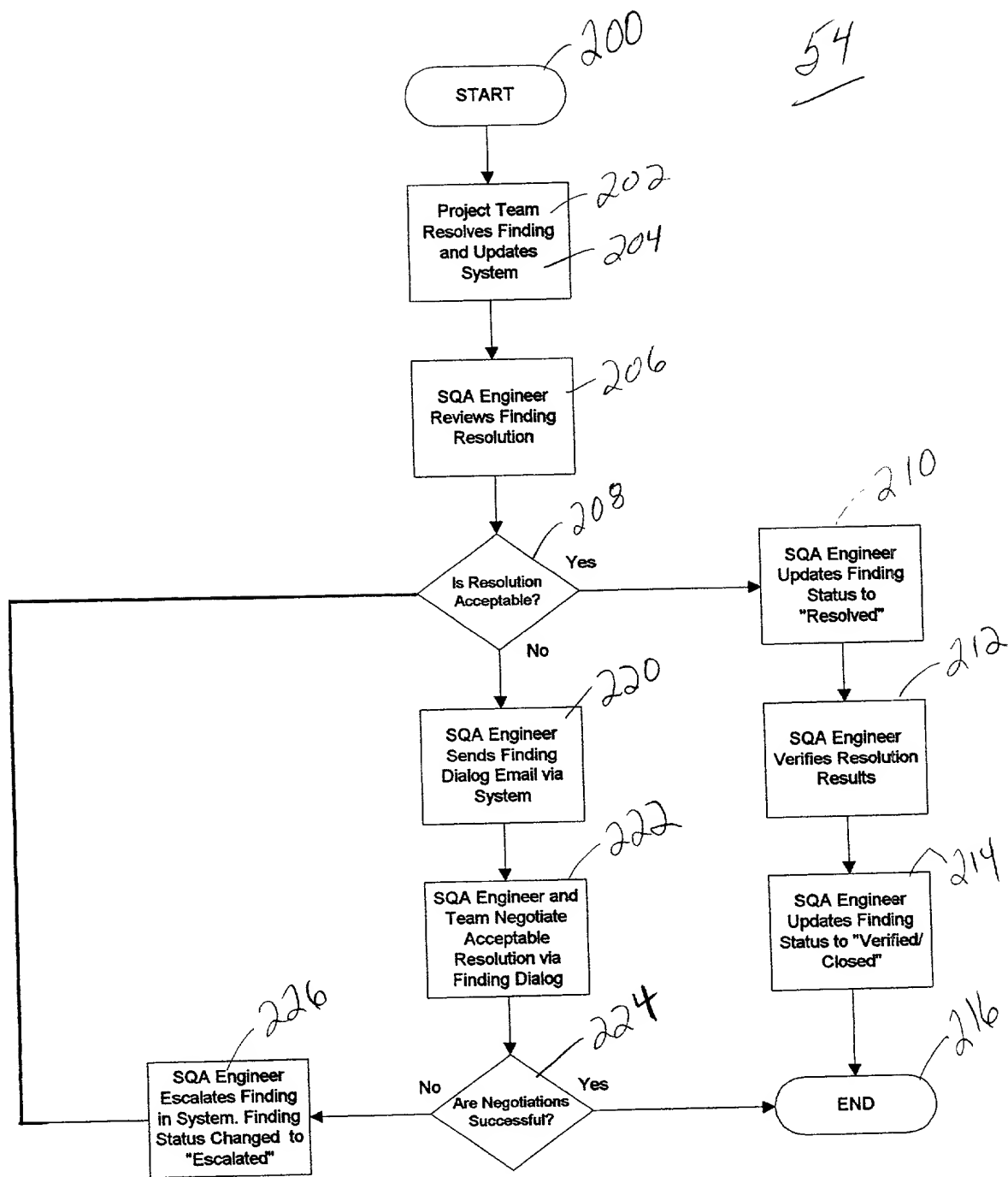
Figure 5   Finding Resolution, Verification and Closure Process

250

START

252

Activities Performed in Last 7 Days? — **Yes** → 254 — Email Weekly Activities Report to Distribution List

No

256

Any Observations in Last 7 Days? — **Yes** → 258 — Email Weekly Observations Report to Distribution List

No

260

Any Findings in Last 7 Days? — **Yes** → 262 — Email Weekly Findings Notification Report to Distribution List

No

264

Are There Any Escalated Findings? — **Yes** → 266 — Email Weekly Escalation Report(s) to Distribution List(s)
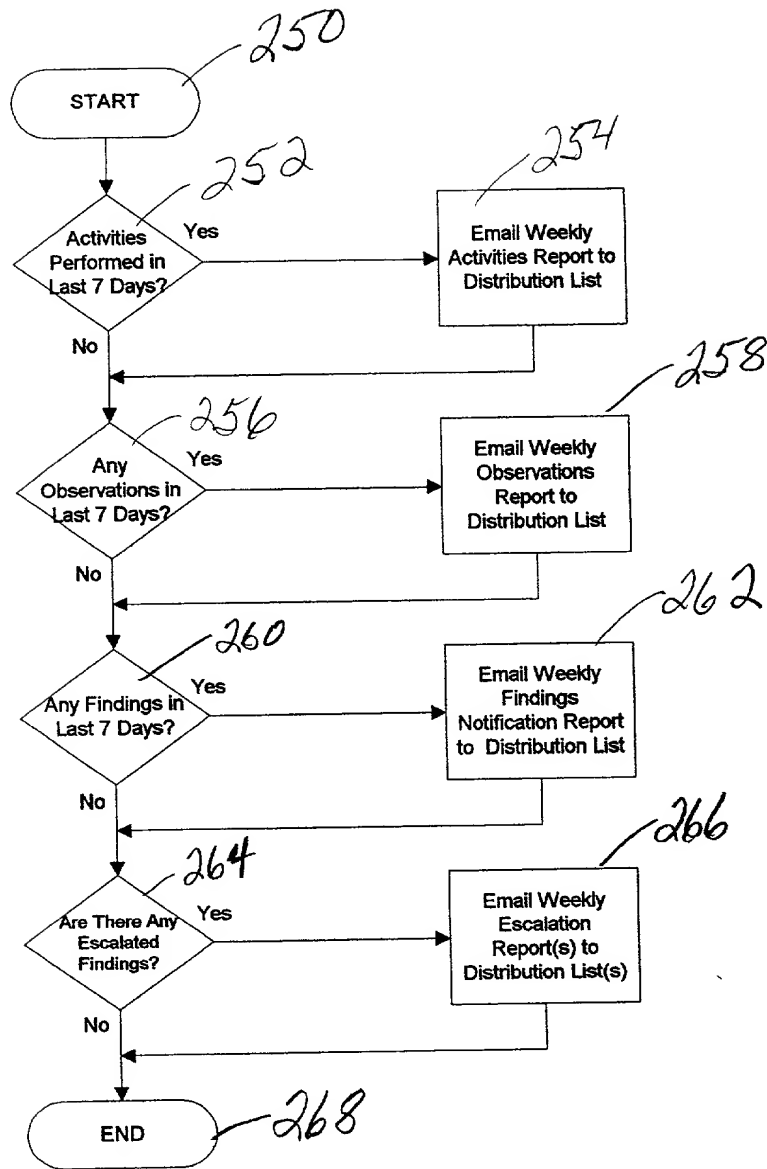
No

END — 268

56

Figure 6   Weekly Reporting Process